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(71) Applicant (for all designated States except US): NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FI-02150 Espoo (FI).

(72) Inventors; and
(75) Inventors/Applicants (for US only): KALEVO, Ossi [FI/FI]; Ketunhäntä 1, FI-37800 Toijala (FI). NENONEN, Petri [FI/FI]; Suopellonkatu 5 B 8, FI-33710 Tampere (FI).

(74) Agent: KESPAT OY; P.O. Box 601, FI-40101 Jyväskylä (FI).

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(54) Title: METHOD AND SYSTEM IN A DIGITAL IMAGE PROCESSING CHAIN FOR ADJUSTING A COLOUR BALANCE, CORRESPONDING EQUIPMENT, AND SOFTWARE MEANS FOR IMPLEMENTING THE METHOD

h_4= Illumination point
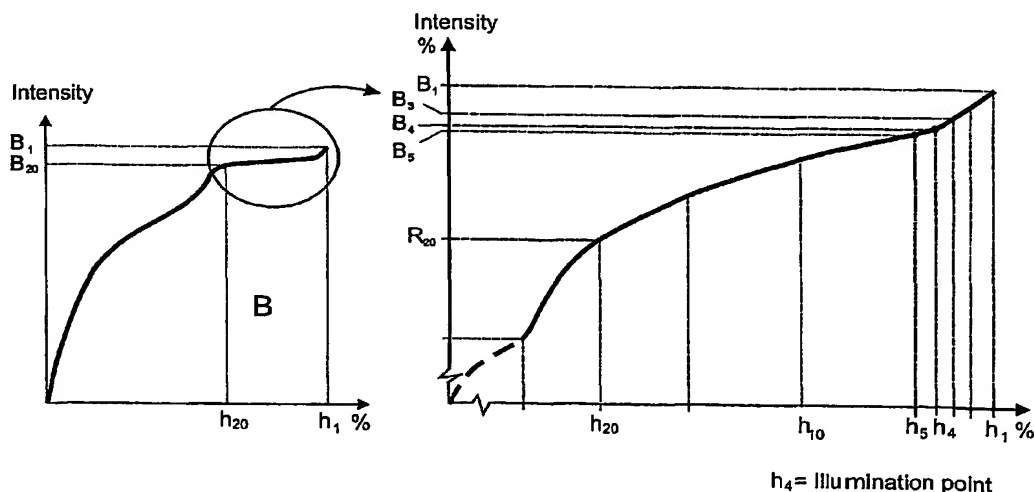
(57) Abstract: The invention relates to a method in a digital image processing chain (10) for adjusting a colour balance. In the method, the subject is imaged as colour components (R, G, B), from which cumulative histograms are formed. From these colour curves, the illumination colour (R_{ill}, G_{ill}, B_{ill}) is defined in a selected manner, which is taken into account when defining the gain factor (G_R, G_G, G_B) adjusting the colour balance. In the method, before the illumination colour is defined, at least such pixel values ($G_{(S)}$) as meet a selected criterion are filtered out. After this, cumulative histograms are formed, and, using a selected criterion, a point h_i is defined from the flat area of the colour curve at the end of them and is set for the colour components (R, G, B) as a common defined point h_i corresponding to the colour-componentwise intensity value C_i, to correspond to the illumination colour (R_{ill}, G_{ill}, B_{ill}).

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